



**UNIVERSITY OF CONNECTICUT, SCHOOL OF NURSING
JOB OPPORTUNITY
POSTDOCTORAL RESEARCH FELLOWS
HEALTHCARE ANALYTICS, TECHNOLOGY TRANSFER, EVALUATION AND RESEARCH**

PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!

Open To: The Public

Location: The University of Connecticut, Hartford Campus
(Constitution Plaza in Downtown Hartford)

Job Posting No: 2017031

Hours: 8:00am to 5:00pm

Salary: Salary will be commensurate on successful candidate's background and experience.

Closing Date: August 10, 2016

Duties and Responsibilities:

The successful candidates will conduct research within the fields of biomedical informatics, machine learning, and geo-spatial science using large amounts of clinical data extracted from electronic health records, claims data, and other related structured and unstructured social services data. These selected Postdoctoral Research Fellows will participate in identifying and designing innovative methods to conduct research using comprehensive clinical knowledge bases and advanced machine learning tools by applying scientific principles to real-world health and healthcare problems. The candidates will work within a multidisciplinary research team to explore and advance areas of inter-disciplinary health services research supported by health information technologies and tools. Each Research Fellow will be encouraged to prepare and submit research proposals as appropriate, and to lead publications.

Knowledge, Skills and Abilities:

PhD degree in one of the following: biomedical informatics, clinical informatics, machine learning, systems engineering, computer science, information science, computational linguistics, data mining, engineering, environmental science, geo-spatial science, or a closely related field. Experience in the application of inter-disciplinary or biomedical informatics research. Ability to plan and carry out research and evaluation experiments and projects. Strong written and oral communication skills as documented by presentation at conferences or written reports (technical funder reports and/ or two scientific publications in peer-reviewed journals). Proficiency in at least one of the following computer programming languages: SQL, Python, Java, C#, C++, PERL, PHP, JavaScript. Proficiency in at least one of the following framework or statistical analyses programming languages: R, SAS, SPSS, ESRI, QGIS, Hadoop, etc.

Preferred Skills and Abilities:

Strong commitment to excellence in research. Must possess energy and drive to coordinate multiple projects simultaneously with an ability to prioritize tasks. Ability to maintain confidentiality and professionally handle confidential information. Ability to work with clinical staff and researchers to analyze data requirements and define study parameters. Ability to use tact and diplomacy to maintain effective working relationships and excellent customer service. Highly motivated with excellent interpersonal, analytical, critical thinking and problem solving skills. Possesses a collaborative working style with an ability to take the initiative to work both independently and in a team environment, depending on project needs. Record of reliable attendance, punctuality and proven successful performance.

Preferred Experience:

Experience in identifying potential complex healthcare data questions and facilitate developing effective and efficient solutions to the inquiries.

Application Instructions:

Please submit an online application that includes a **cover letter clearly identifying the area of specialty** and stated research and evaluation goals, a **curriculum vitae or resume, at least one sample publication with clearly stated individual contributions**, and contact information for **three (3) professional references** to www.jobs.uconn.edu, (click on Staff Positions). Evaluation of applications will begin immediately. Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check. (Search # 2017031)

**UConn DEPARTMENT OF HUMAN RESOURCES
9 WALTERS AVENUE
UNIT 5075
STORRS, CT 06269
www.hr.uconn.edu**

For more information regarding the School of Nursing, please visit the school's website at <http://nursing.uconn.edu> and to learn more about the CT HIT initiatives, please visit <http://www.ct.gov/cthealthit>.

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.